

#12



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PATENT APPLICATION: US/10/083,246A

DATE: 11/06/2002 P.6
TIME: 14:32:02

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3 <110> APPLICANT: Athena Diagnostics
 5 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDNEY

6 DISEASE

8 <130> FILE REFERENCE: 1133/2002

10 <140> CURRENT APPLICATION NUMBER: US 10/083,246A

C--> 11 <141> CURRENT FILING DATE: 2002-10-15

13 <160> NUMBER OF SEQ ID NOS: 168

15 <170> SOFTWARE: PatentIn version 3.1

17 <210> SEQ ID NO: 1

18 <211> LENGTH: 14136

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TIME: 14:32:02

Input Set : A:\pto.vsk.txt

Output Set: N:\CRF4\11062002\J083246A.raw

200	cctgatccag	caggtccttg	ccgaggggggt	cagcagccca	gcccctaccc	aagacaccca	10680
201	catggaaacg	gacctgctca	gcagcctgtc	cagcactcct	ggggagaaga	cagagacgct	10740
202	ggcgctgcag	aggctggggg	agctggggcc	acccagccca	ggcctgaact	gggaacagcc	10800
203	ccaggcagcg	aggctgtcca	ggacaggact	ggtggagggt	ctgcggaagc	gcctgctgcc	10860
204	ggcctggtgt	gcctccctgg	cccacgggct	cagcctgtct	ctggtggctg	tggctgtggc	10920
205	tgtctcaggg	tgggtgggtg	cgagcttccc	cccgggctg	agtgttgctg	ggctcctgtc	10980
206	cagcagcgcc	agcttcctgg	cctcattcct	cggctgggag	ccactgaagg	tcttgctgga	11040
207	agccctgtac	ttctcactgg	tggccaagcg	gctgcacccg	gatgaagatg	acaccctggg	11100
208	agagagcccg	gctgtgacgc	ctgtgagcgc	acgtgtgccc	cgcgtacggc	caccccacgg	11160
209	ctttgcactc	ttcctggcca	aggaagaagc	ccgcaaggct	aagaggctac	atggcatgct	11220
210	gcgagacctc	ctggtgtaca	tgttttttct	gctggtgacc	ctgctggcca	gctatgggga	11280
211	tgcctcatgc	catgggcacg	cctaccgtct	gcaaagcgcc	atcaagcagg	agctgcacag	11340
212	ccgggccttc	ctggccatca	cgcggctctg	ggagctctgg	ccatggatgg	cccacgtgct	11400
213	gctgccctac	gtccacggga	accagtcacg	cccagagctg	gggccccac	ggctgcggca	11460
214	ggtgcggctg	caggaagcac	tctaccaga	ccctcccggc	cccagggtcc	acacgtgctc	11520
215	ggccgcagga	ggcttcagca	ccagcgatta	cgacgttgcc	tgggagagtc	ctcacaatgg	11580
216	ctcggggacg	tgggcctatt	cagcgccgga	tctgctgggg	gcatggctct	ggggctcctg	11640
217	tgcctgtgat	gacagcgggg	gctacgtgca	ggagctgggc	ctgagcctgg	aggagagccg	11700
218	cgaccggctg	cgcttcctgc	agctgcacaa	ctggctggac	aacaggagcc	gcgctgtgtt	11760
219	cctggagctc	acgcgctaca	gcccggccgt	ggggctgcac	gccgcccgtc	cgctgcgcct	11820
220	cgagttcccg	gcggccggcc	gcgcctggc	cgccctcagc	gtccgcccct	ttgcgctgcg	11880
221	ccgcctcagc	gcgggcctct	cgctgcctct	gctcacctcg	gtgtgcctgc	tgctgttcgc	11940
222	cgtgcacttc	gccgtggccg	aggcccgtac	ttggcacagg	gaagggcgct	ggcgcgtgct	12000
223	gcggctcgga	gcctggggcg	ggtggctgct	ggtggcgctg	acggcgggca	cggcactggg	12060
224	acgcctcgcc	cagctgggtg	ccgctgaccg	ccagtggacc	cgtttcgtgc	gcggccgccc	12120
225	gcgcgccttc	actagcttcg	accagggtgg	gcagctgagc	tccgcagccc	gtggcctggc	12180
226	ggcctcgctg	ctcttcctgc	ttttgggtcaa	ggctgcccag	cagctacgct	tcgtgcgcca	12240
227	gtggtccgct	tttggcaaga	cattatgccg	agctctgcca	gagctcctgg	gggtcacctt	12300
228	gggcctgggt	gtgctcgggg	tagcctacgc	ccagctggcc	atcctgctcg	tgtcttcctg	12360
229	tgtggactcc	ctctggagcg	tggcccaggc	cctgttggtg	ctgtgcctcg	ggactgggct	12420
230	ctctaccctg	tgtcctgccc	agtcctggca	cctgtcaccc	ctgctgtgtg	tggggctctg	12480
231	ggcactgcgg	ctgtggggcg	ccctacggct	gggggctggt	attctccgct	ggcgctacca	12540
232	cgccttgctg	ggagagctgt	accggccggc	ctgggagccc	caggactacg	agatgggtgga	12600
233	gttggtcctg	cgcaggctgc	gcctctggat	gggcctcagc	aaggtaagg	agttccgcca	12660
234	caaagtccgc	tttgaaggga	tggagccgct	gccctctcgc	tctccaggg	gctccaagg	12720
235	atccccggat	gtgcccccc	ccagcgctgg	ctccgatgcc	tgcaccccct	ccacctctc	12780
236	cagccagctg	gatgggctga	gcgtgagcct	gggcgggctg	gggacaagg	gtgagcctga	12840
237	gccctcccgc	ctccaagccg	tgttcgaggc	cctgctcacc	cagtttgacc	gactcaacca	12900
238	ggccacagag	gacgtctacc	agctggagca	gcagctgcac	agcctgcaag	gccgcaggag	12960
239	cagccggggc	cccgcgggat	cttcccgtgg	cccatccccg	ggcctgcggc	cagcactgcc	13020
240	cagccgcctt	gcccggggca	gtcgggggtg	ggacctggcc	actggcccca	gcaggacacc	13080
241	ccttcggggc	aagaacaagg	tccaccccag	cagcacttag	tcctccttcc	tggcgggggt	13140
242	gggcgggtga	gtcggagtg	acaccgctca	gtattacttt	ctgccgctgt	caaggccgag	13200
243	ggccaggcag	aatggctgca	cgtagggttc	ccagagagca	ggcaggggca	tctgtctgtc	13260
244	tgtgggcttc	agcactttaa	agaggctgtg	tggccaacca	ggacccagg	tcccctccc	13320
245	agctcccttg	ggaaggacac	agcagtattg	gacggtttct	agcctctgag	atgctaattt	13380
246	atttccccga	gtcctcaggt	acagcgggct	gtgcccgccc	ccaccccctg	ggcagatgtc	13440
247	ccccactgct	aaggctgctg	gcttcaggga	gggttagcct	gcaccgccc	caccctgccc	13500
248	ctaagttatt	acctctccag	ttcctaccgt	actccctgca	ccgtctcact	gtgtgtctcg	13560

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/083,246A

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 719,1277,1278,1279,1280,1288,1289,1638,1967,2248,2251,2254
Seq#:2; N Pos. 2283,2585,2586,2625,2932,2949,2972,2978,3406,3419,3604,3675
Seq#:2; N Pos. 3849,4132,4337,4367,4368,4369,4396,4404,5700,5701,5702,6611
Seq#:2; N Pos. 6628,6637,6700,6733

VERIFICATION SUMMARY

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Input Set : A:\pto.vsk.txt

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:660
L:321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1260
L:333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1620
L:343 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1920
L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:2220
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:2280
L:365 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:2580
L:375 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:2880
L:377 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:2940
L:391 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:3360
L:399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:3600
L:401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:3660
L:407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:3840
L:415 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:4080
L:423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:4320
L:425 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:4380
L:467 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:5640
L:469 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:5700
L:499 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:6600
L:501 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:6660
L:503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:6720